



# RUSSIAN MARITIME REGISTER OF SHIPPING

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**URGENT RULE CHANGE NOTICE No. 311-05-2030** dated 28.08.2024

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Entry-into-force date:

**From the date of publication**

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Re: amendments to the Rules for the Classification Surveys of Ships in Service with Annexes, ND No. 2-020101-012-E

New requirements concerning the assessment of technical condition of hatch covers of cargo holds have been introduced.

Instructions on application:

Apply the provisions of the Notice during survey of ships requested for survey on or after 28.08.2024.

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Acting Director General

Sergey A. Shishkin

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**AMENDMENTS  
TO THE RULES FOR THE CLASSIFICATION SURVEYS OF SHIPS IN SERVICE WITH ANNEXES  
REVISION HISTORY**

**RULES FOR THE CLASSIFICATION SURVEYS OF SHIPS IN SERVICE (01.07.2024)**

Item	Applied to	Description	Remarks
Part I, para 5.12.3.4	Ships in service Periodical surveys Structures of hatch covers of cargo holds	References to the applicable requirements have been updated	IACS UR Z7 (Rev.29 Corr.1 May 2024), IACS UR 7.1 (Rev.15 Corr.1 May 2024); IACS UR S21 (Rev.5 May 2023) <b>Entry-into-force date: 28.08.2024</b>
Part II, para 2.12	Ships in service Periodical surveys Structures of hatch covers of cargo holds	References to the applicable requirements have been updated	IACS UR Z7 (Rev.29 Corr.1 May 2024), IACS UR 7.1 (Rev.15 Corr.1 May 2024) <b>Entry-into-force date: 28.08.2024</b>
Part III, Appendices 5.2-1 and 5.2-2	Ships in service Periodical surveys Structures of hatch covers of cargo holds	Appendix 5.2-1 has been deleted. References to Appendix 5.2-1 have been replaced by the references to 4.2.7 of Annex 2 to these Rules. Appendix 5.2-2 and references thereto have been renumbered 5.2	IACS UR Z7 (Rev.29 Corr.1 May 2024), IACS UR 7.1 (Rev.15 Corr.1 May 2024) <b>Entry-into-force date: 28.08.2024</b>

Item	Applied to	Description	Remarks
Part III, para 5.3.2.3.4	Ships in service Periodical surveys Structures of hatch covers of cargo holds	References to the applicable requirements have been updated	IACS UR Z7 (Rev.29 Corr.1 May 2024), IACS UR 7.1 (Rev.15 Corr.1 May 2024) <b>Entry-into-force date: 28.08.2024</b>
Part III, para 6.3.2.3.4	Ships in service Periodical surveys Structures of hatch covers of cargo holds	References to the applicable requirements have been updated	IACS UR Z7 (Rev.29 Corr.1 May 2024), IACS UR 7.1 (Rev.15 Corr.1 May 2024) <b>Entry-into-force date: 28.08.2024</b>

**ANNEXES TO THE RULES FOR THE CLASSIFICATION SURVEYS OF SHIPS IN SERVICE (01.07.2024)**

Item	Applied to	Description	Remarks
Annex 2, para 4.2.7	Ships in service Periodical surveys Structures of hatch covers of cargo holds	Para has been renamed to reflect the applicability of the requirements set forth therein	IACS UR Z7 (Rev.29 Corr.1 May 2024), IACS UR 7.1 (Rev.15 Corr.1 May 2024) <b>Entry-into-force date: 28.08.2024</b>
Annex 2, para 4.2.7.1	Ships in service Periodical surveys Structures of hatch covers of cargo holds	Requirements concerning the assessment of technical condition of structures of hatch covers and hatch coamings of cargo holds as well as their repair have been amended in accordance with the IACS unified requirements that have entered into force	IACS UR S21 (Rev.5 May 2023) <b>Entry-into-force date: 28.08.2024</b>

Item	Applied to	Description	Remarks
Annex 2, para 4.5.3	Ships in service Periodical surveys Structures of hatch covers of cargo holds	References to the applicable requirements have been updated	IACS UR Z7 (Rev.29 Corr.1 May 2024), IACS UR 7.1 (Rev.15 Corr.1 May 2024) <b>Entry-into-force date: 28.08.2024</b>
Annex 2, para 5.1.6	Ships in service Periodical surveys Structures of hatch covers of cargo holds	References to the applicable requirements have been updated	IACS UR Z7 (Rev.29 Corr.1 May 2024), IACS UR 7.1 (Rev.15 Corr.1 May 2024) <b>Entry-into-force date: 28.08.2024</b>
Annex 2-1, para 2.4	Ships in service Periodical surveys Structures of hatch covers of cargo holds	References to the applicable requirements have been updated	IACS UR Z7 (Rev.29 Corr.1 May 2024), IACS UR 7.1 (Rev.15 Corr.1 May 2024) <b>Entry-into-force date: 28.08.2024</b>

# RULES FOR THE CLASSIFICATION SURVEYS OF SHIPS IN SERVICE

## PART I. GENERAL PROVISIONS

### 5 ASSESSMENT OF THE SHIP TECHNICAL CONDITION

**Para 5.12.3.4** is amended as follows:

"**4** standards (acceptance criteria) determined according to IACS UR S18, S19, S21, S21A, S31, etc. — specific IACS URs and their subsequent revisions or corrigenda apply ~~for~~ to ships depending on the ship's age and structural elements concerned (e.g. for UR S19; S21, S31 refer to instructions in Part III "Additional Surveys of Ships Depending on their Purpose and Hull Material", for UR S21A refer to Annex 2 to these Rules, etc.);".

## PART II. SURVEY SCHEDULE AND SCOPE

### 2 PERIODICAL SURVEYS

#### 2.12 ANTICORROSIVE PROTECTION AND COATINGS

**Para 2.12. The last sentence** is amended as follows:

"A record on the coating application/renewal shall be made by the RS surveyors in the List of Survey's Status for the ships with protective coatings applied/renewed in accordance with the RS rules and international documents, including a reference to the appropriate requirement of the RS rules and/or international standard (in particular, this also applies to the cases described in ~~Appendix 5.2.1, 5.2.4.2, 5.3.3.2.3, 5.4.2.2.3, 5.9.6, 5.12.3.1.2.1.4, 5.12.3.2, 6.1.1.7, 6.2.2.4.5, 6.2.4.2, 6.3.2.3.11 and etc. of Part III "Technical Supervision during Manufacture of Materials" of RTSCS "Additional Surveys of Ships Depending on their Purpose and Hull Material" of these Rules, as well as 3.3.5 of Part II "Hull" and Section 6 of Appendix 3 to of the Rules for the Construction for the Classification and Construction of Sea-Going Ships).~~".

## PART III. ADDITIONAL SURVEYS OF SHIPS DEPENDING ON THEIR PURPOSE AND HULL MATERIAL

### 5 SURVEYS OF BULK CARRIERS

#### 5.2 SPECIAL SURVEY

**Appendix 5.2-1** is deleted. **References thereto in Note 4 of Table 5.2.3.2, paras 5.3.2.3.9, 6.2.2.4.5 and 6.3.2.3.11** as well as in **Note 3 of Table 6.2.3.2-1** are replaced by the following text:

"4.2.7 of Annex 2 to these Rules."

**Appendix 5.2-2 and references thereto** are renumbered **5.2**.

#### 5.3 ANNUAL SURVEY

**Para 5.3.2.3.4** is amended as follows:

"**5.3.2.3.4** Where the cargo hatch securing system does not function properly, repairs shall be carried out under the supervision of the Register. Where hatch covers and/or coamings undergo significant repairs, the strength of securing devices shall be upgraded to comply with the requirements of S21.5 of IACS UR S21 (refer to 7.130 of Part III "Equipment, Arrangements and Outfit" of the Rules for the Classification and Construction of Sea-Going Ships).".

## 6 SURVEYS OF DOUBLE SKIN BULK CARRIERS

### 6.3 ANNUAL SURVEY

Para 6.3.2.3.4 is amended as follows:

"6.3.2.3.4 Where the cargo hatch securing system does not function properly, repairs shall be carried out under the supervision of the Register. Where hatch covers and/or coamings undergo significant repairs, the strength of securing devices shall be upgraded to comply with the requirements of S21.5 of IACS UR S21 (refer to 7.130 of Part III "Equipment, Arrangements and Outfit" of the Rules for the Classification and Construction of Sea-Going Ships).".

## ANEXES TO THE RULES FOR THE CLASSIFICATION SURVEYS OF SHIPS IN SERVICE

ANNEX 2

### INSTRUCTIONS FOR DETERMINATION OF THE TECHNICAL CONDITION AND REPAIR OF THE HULLS OF SEA-GOING SHIPS

#### 4 STANDARDS FOR HULL WITH DEFECTS

##### 4.2 STRUCTURES WITH WEAR

Para 4.2.7 is renamed as follows:

"4.2.7 **Requirements for determination of permissible residual ~~plate~~ thickness of cargo hold hatch covers structures.**"

Para 4.2.7.1 is amended as follows:

"4.2.7.1 For cargo ships contracted for construction on or after 1 July 2012, except for other than bulk carriers, ore carriers, combination carriers, as well as for bulk carriers, ore carriers and combination carriers contracted for construction on or after 1 January 2024 except for CSR ships and CSR ships, the requirements of Section 7 of IACS UR S21A (refer to 7.10.6.53 of Part III "Equipment, Arrangements and Outfit" of the Rules for the Classification and Construction of Sea-Going Ships) shall be met when determining the permissible residual plate thickness of structures of hatch covers and hatch coamings of cargo holds, the following requirements shall be met.

Renewal of structures of hatch covers and hatch coamings of cargo holds is required where the actual residual thickness is less than  $t_{net} + 0,5$  for:

single skin hatch covers;

the plating of double skin hatch covers, and  
coaming structures.

Where the actual residual thickness is within the range  $t_{net} + 0,5$  mm and  $t_{net} + 1,0$  mm, as an alternative to renewal, the following may be performed:

application of hard protective coating (in accordance with the coating manufacturer's requirements), herewith, the coating shall be maintained in GOOD technical condition; or  
annual thickness measurements.

Thickness measurements for the internal structure of double skin hatch covers shall be performed in case of hatch cover top or bottom plating renewal or when this is deemed necessary, at the discretion of the RS surveyor, on the basis of the plating corrosion or deformation condition. In these cases, renewal of the internal structures is required where the actual residual thickness is less than  $t_{net}$ .

Corrosion additions are given in 7.10.6.44 of Part III "Equipment, Arrangements and Outfit" of the Rules for the Classification and Construction of Ships.

For corrosion addition  $t_c = 1,0$  mm, the thickness for structure to be renewed shall be not less than  $t_{net}$  and the thickness for coating or annual thickness measurements is when measured thickness is between  $t_{net}$  and  $t_{net} + 0,5$  mm."

## 4.5 STRUCTURES WITH SUBSTANTIAL CORROSION

**Para 4.5.3** is amended as follows:

"**4.5.3** Formula (4.5.2-2) shall not apply to hull structures, which scantlings are determined using net scantling approach (for example, according to the Common Structural Rules, as well as IACS UR S21, S21A, etc.)".

## 5 INSTRUCTIONS AND GUIDELINES FOR THE HULL REPAIRS

### 5.1 GENERAL

**Para 5.1.6. The second paragraph** is amended as follows:

"It is permitted not to restore a structure to its as-built condition (~~not applicable to CSR ships, as well as to structures which scantlings are determined using net scantling approach, for example, according to IACS UR S21, S21A and etc.~~). When determining structural scantlings, the conditions and period of subsequent ship service shall be considered (not applicable to CSR ships, as well as to structures which scantlings are determined using net scantling approach, for example, according to IACS UR S21, S21A and etc.)".

ANNEX 2-1

## PROCEDURE FOR CHECKING AVAILABLE/UPDATING INFORMATION ON PERMISSIBLE SCANTLINGS OF HULL STRUCTURES

**Para 2.4** is amended as follows:

"**2.4** For ships, to which the standards according to 5.12.3.4 of Part I "General Provisions" apply (i.e. when the appropriate IACS URs S18, S19, S21, ~~S21A, S22, and S31, etc.~~ are applicable), an additional file shall be included in the ship's file, containing information on permissible scantlings of hull structures, which shall be supplemented by the information specifying the structure, standards, appropriate values and calculations for technical condition assessment and repairs, as well as the technical condition assessment procedure determined in accordance with the applicable IACS UR. The file shall have the following format: "reg. No.\_S[IACS UR No.].pdf". The appropriate option shall be selected additionally in the TM software for entering such standards."